

CLAIMS

Sub
1. An operating system management system for managing a plurality of operating systems, comprising:

5 a recording unit for recording operation information transferred from an operation information memory for storing an operation state of each of said operating systems, said operation information being assumed as a reference to other operation information items corresponded to each another and regarded to have been generated approximately at the same time; and

10 a searching unit for searching operation information assumed as a reference to said other operation information items from said operation information items recorded in said operation information memories of said operating systems;

15 wherein said management system finds a sequence of other operation information items recorded in said operation information memories of said operating systems according to the correspondence to said searched operation information.

20 2. An operating system management system for managing a plurality of operating systems, comprising:

25 a recording unit for recording operation information of each operating system, transferred from a memory for

Sub 1
B1
storing operation information thereof and a time at which
said operation information was generated, transferred from
each operating system for recording said operation
information; and

5 a memory for storing time lag information among said
operating systems;

wherein said management system finds a sequence of
operation information items generated and recorded in said
operation information memories of said operating systems
10 with use of said times at which said information items were
generated and recorded in said operation information
memories of said operating systems and said time lag
information.

15 3. An operating system management system for managing
a plurality of operating systems, comprising:

an operation recording unit for recording operation
information of each operating system, transferred from an
operation information memory thereof;

20 wherein said operation recording unit adds a counter
value to said operation information, said counter value
being updated when operation information of corresponding
one of said operating systems is recorded; and

said management system finds a sequence of operation
25 information items recorded in said first and second

for
BI

operating systems with use of a counter value of operation information recorded in the operation information memory of corresponding one of said operating systems.

5 4. An operating system management system according to claim 1;

 wherein said operation information is at least any one of an operating system switching trace, a synchronization trace, an inter-OS communication trace.

10 5. An operating system management system for managing first and second operating systems, comprising:

 a recording unit for recording an operation information item to be assumed as a reference of times of other operation information items regarded to have been generated approximately at the same time and recorded in operation information recording memories of said first and second operating systems so as to be corresponded to each other; and

20 a searching unit for searching an operation information item assumed as a reference to said approximately same times from operation information items recorded in said operation information memories of said first and second operating systems;

Sub B

wherein said system displays said searched operation information item so as to be highlighted and disposed together with other information items in parallel and displays other operation information items in order they are generated on the basis of the correspondence to said searched operation information item.

6. A trace log management system employed for a computer system in which a plurality of operating systems are installed and each of said operating systems has operation trace information;

wherein said log management system displays both operation trace information item of an operating system and operation information items of another operating system at a timing assumed as a reference of both of said operation information items corresponded to each other and regarded to have been generated approximately at the same time.

7. An operating system management method for managing a plurality of operating systems, comprising the steps of: enabling each of a plurality of said operating systems to record its operation information item corresponded to operation information items of other operating systems and to be assumed as a reference of operation information items

Sub B1
of those other operating systems, regarded to have been generated approximately at the same time;

finding the correspondence of an operation information item to be assumed as a reference of said approximately same times from operation information items recorded by said other operating systems; and

finding a sequence of operation information items recorded by said other operating systems according to said found correspondence.

8. An operating system management method for managing a plurality of operating systems, comprising the steps of:

enabling each of a plurality of said operating systems to record its operation information item corresponded to operation information items of said other operating systems and to be assumed as a reference of said other operation information items regarded to have been generated approximately at the same time with reference to a counter value to be updated when an operation information item of said operating system is recorded; and

finding a sequence of recorded operation information items in order they are generated with use of a size of said counter value added to said operation information of each of a plurality of said operating systems.